

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/840,746

DATE: 05/22/2001

TIME: 15:24:25

Input Set : A:\Pto.amc

Output Set: C:\CRF3\05222001\I840746.raw

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2 <110> APPLICANT: Chen, Huei-Mei
3     Honchell, Cynthia D.
4     Tang, Y. Tom
6 <120> TITLE OF INVENTION: Mucin-Related Tumor Marker
8 <130> FILE REFERENCE: PC-0039 US
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/840,746
C--> 11 <141> CURRENT FILING DATE: 2001-04-23
13 <160> NUMBER OF SEQ ID NOS: 20
14 <170> SOFTWARE: PERL Program
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 946
18 <212> TYPE: PRT
19 <213> ORGANISM: Homo sapiens
21 <220> FEATURE:
22 <221> NAME/KEY: misc_feature
23 <223> OTHER INFORMATION: Incyte ID No: 182514CD1
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38   Gly Glu Arg Ser Ile Ala Gly Ile Ser Tyr Gly Gln Val Arg Gly
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41              110          115          120
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43              125          130          135
44   Ile Thr Asp Asn Ser Ser Ser Ser Asp Ile Val Glu Ser Ser Thr
45              140          145          150
46   Ser Tyr Ile Lys Ile Ser Asn Ser Ser His Ser Glu Tyr Ser Ser
47              155          160          165
48   Phe Ser His Ala Gln Thr Glu Arg Ser Asn Ile Ser Ser Tyr Asp
49              170          175          180
50   Gly Glu Tyr Ala Gln Pro Ser Thr Glu Ser Pro Val Leu His Thr
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53              200          205          210
54   Ser Val Val Leu Asp Thr Asp Ala Glu Phe Val Ser Asp Ser Ser
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59					245					250					255
60	Ile	Leu	Pro	Ser	Thr	Arg	Ala	Ser	Val	His	Leu	Leu	Lys	Ser	Thr
61					260					265					270
62	Ser	Asp	Ala	Ser	Thr	Pro	Trp	Ser	Ser	Ser	Pro	Ser	Pro	Leu	Pro
63					275					280					285
64	Val	Ser	Leu	Thr	Thr	Ser	Thr	Ser	Ala	Pro	Leu	Ser	Val	Ser	Gln
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66	Thr	Thr	Leu	Pro	Gln	Ser	Ser	Ser	Thr	Pro	Val	Leu	Pro	Arg	Ala
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70	Phe	Met	Thr	Met	Leu	His	Ser	Ser	Gln	Thr	Ala	Asp	Leu	Lys	Ser
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74	Pro	Ser	Leu	Val	Ser	Leu	Pro	Thr	Glu	Ser	Thr	Lys	Ala	Val	Thr
75					365					370					375
76	Thr	Asn	Ser	Pro	Leu	Pro	Pro	Ser	Leu	Thr	Glu	Ser	Ser	Thr	Glu
77					380					385					390
78	Gln	Thr	Leu	Pro	Ala	Thr	Ser	Thr	Asn	Leu	Ala	Gln	Met	Ser	Pro
79					395					400					405
80	Thr	Phe	Thr	Thr	Thr	Ile	Leu	Lys	Thr	Ser	Gln	Pro	Leu	Met	Thr
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96	Leu	Ala	Pro	Lys	Ser	Ala	Thr	Phe	Ala	Val	Gln	Ser	Ser	Thr	Gln
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110	Arg Thr Phe Val	Thr Glu Phe Lys Leu	Lys Arg Thr Phe Leu	Asn		
111		635		640		645
112	Thr Thr Val Glu	Lys His Ser Asp Leu	Gln Glu Val Glu Asn	Glu		
113		650		655		660
114	Ile Thr Lys Thr	Leu Asn Met Cys Phe	Ser Ala Leu Pro Ser	Tyr		
115		665		670		675
116	Ile Arg Ser Thr	Val His Ala Ser Arg	Glu Ser Asn Ala Val	Val		
117		680		685		690
118	Ile Ser Leu Gln	Thr Thr Phe Ser Leu	Ala Ser Asn Val Thr	Leu		
119		695		700		705
120	Phe Asp Leu Ala	Asp Arg Met Gln Lys	Cys Val Asn Ser Cys	Lys		
121		710		715		720
122	Ser Ser Ala Glu	Val Cys Gln Leu Leu	Gly Ser Gln Arg Arg	Ile		
123		725		730		735
124	Phe Arg Ala Gly	Ser Leu Cys Lys Arg	Lys Ser Pro Glu Cys	Asp		
125		740		745		750
126	Lys Asp Thr Ser	Ile Cys Thr Asp Leu	Asp Gly Val Ala Leu	Cys		
127		755		760		765
128	Gln Cys Lys Ser	Gly Tyr Phe Gln Phe	Asn Lys Met Asp His	Ser		
129		770		775		780
130	Cys Arg Ala Cys	Glu Asp Gly Tyr Arg	Leu Glu Asn Glu Thr	Cys		
131		785		790		795
132	Met Ser Cys Pro	Phe Gly Leu Gly Gly	Leu Asn Cys Gly Asn	Pro		
133		800		805		810
134	Tyr Gln Leu Ile	Thr Val Val Ile Ala	Ala Ala Gly Gly Gly	Leu		
135		815		820		825
136	Leu Leu Ile Leu	Gly Ile Ala Leu Ile	Val Thr Cys Cys Arg	Lys		
137		830		835		840
138	Asn Lys Asn Asp	Ile Ser Lys Leu Ile	Phe Lys Ser Gly Asp	Phe		
139		845		850		855
140	Gln Met Ser Pro	Tyr Ala Glu Tyr Pro	Lys Asn Pro Arg Ser	Gln		
141		860		865		870
142	Glu Trp Gly Arg	Glu Ala Ile Glu Met	His Glu Asn Gly Ser	Thr		
143		875		880		885
144	Lys Asn Leu Leu	Gln Met Thr Asp Val	Tyr Tyr Ser Pro Thr	Ser		
145		890		895		900
146	Val Arg Asn Pro	Glu Leu Glu Arg Asn	Gly Leu Tyr Pro Ala	Tyr		
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148	Thr Gly Leu Pro	Gly Ser Arg His Ser	Cys Ile Phe Pro Gly	Gln		
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156 <211> LENGTH: 6952

157 <212> TYPE: DNA

158 <213> ORGANISM: Homo sapiens

160 <220> FEATURE:

161 <221> NAME/KEY: misc_feature

162 <223> OTHER INFORMATION: Incyte ID No: 182514CB1

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

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DATE: 05/22/2001

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Input Set : A:\Pto.amc

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15

L:559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15

L:578 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:580 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:600 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

L:602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17